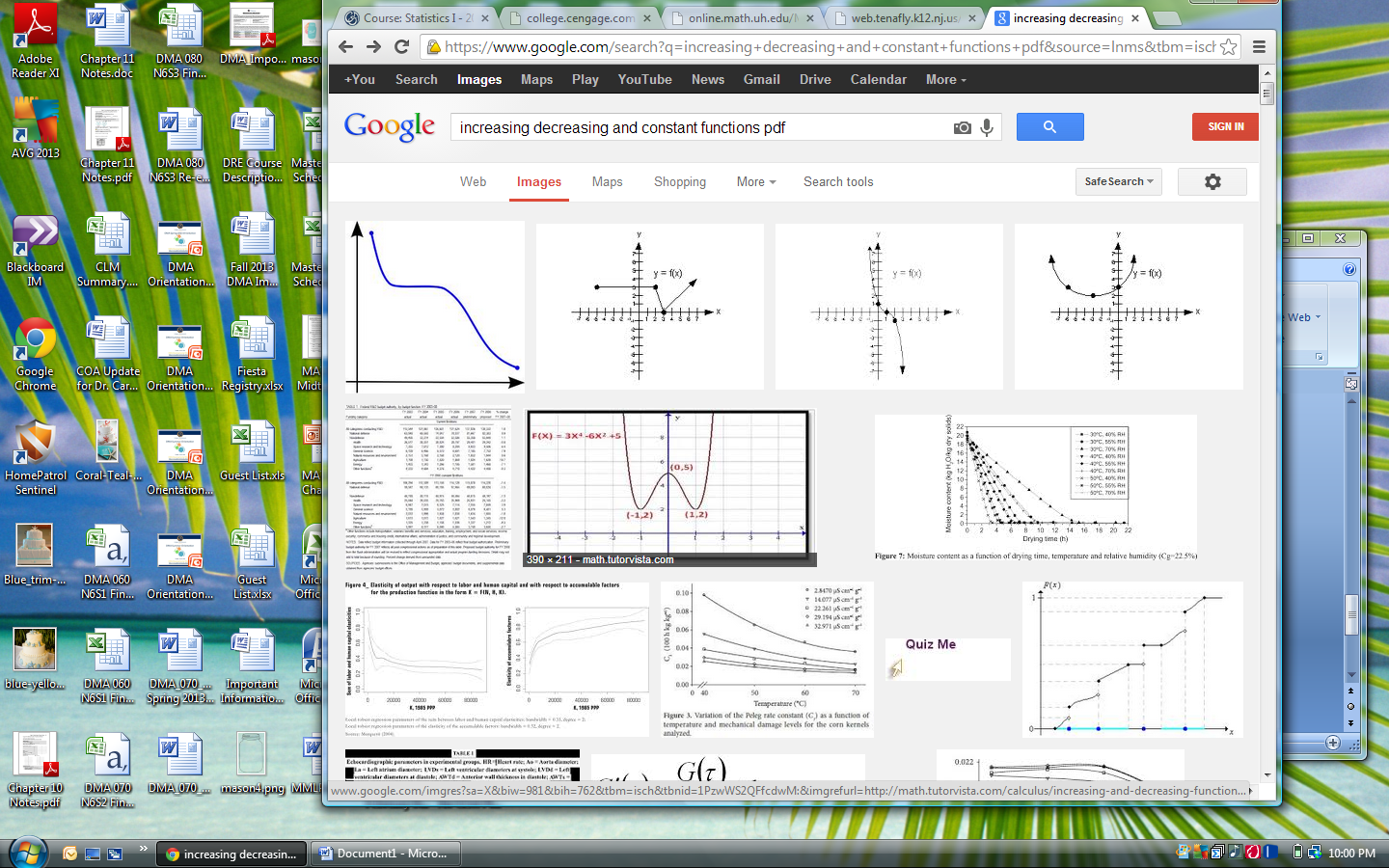
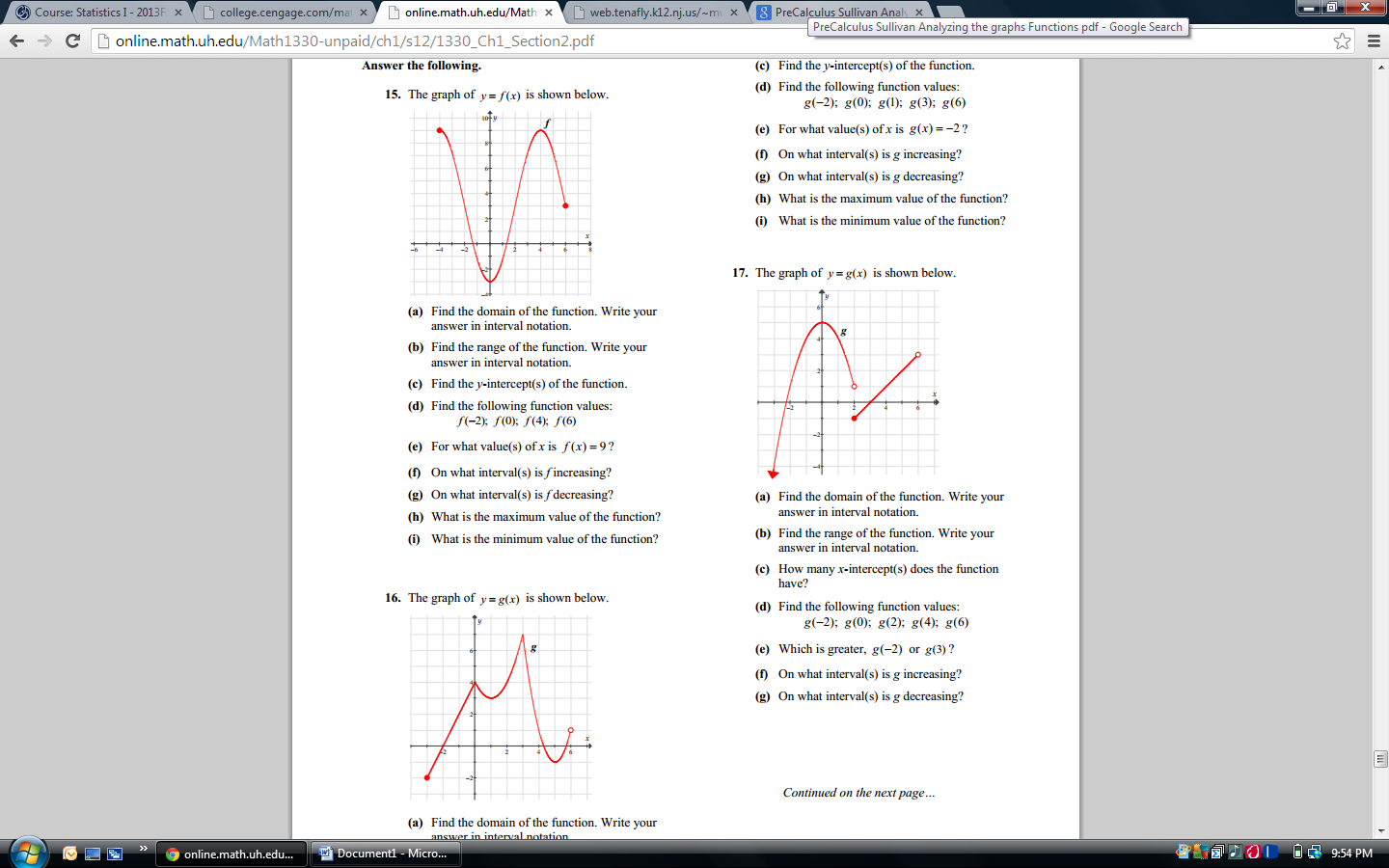
Answer each question. Approximate values when necessary.

1. Is the graph a function?
2. Is the graph continuous or discontinuous?
3. Determine if f is symmetry to x-axis, y-axis, origin.
4. Determine if f(x) is even, odd, or neither.
5. Find the domain. Write your answer in interval notation.
6. Find the range. Write your answer in interval notation.
7. Find the y-intercept(s) if any. Write your answer as an ordered pair.
8. Find the x-intercept(s) if any. Write your answer as an ordered pair.
9. Find the following function values: f(2); f (0); f (4); f (6)
10. For what value(s) of x is f(x)=9 ?
11. On what interval(s) is f increasing? Write your answer in interval notation.
12. On what interval(s) is f decreasing? Write your answer in interval notation.
13. On what interval(s) is f constant? Write your answer in interval notation.
14. Find the absolute maximum if any.
15. Find the absolute minimum if any.
16. Find the local maximum if any.
17. Find the local minimum if any.
18. For what values of x is f(x)>0. Write your answer in interval notation.
19. For what values of x is f(x)<0. Write your answer in interval notation.



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8. Find the x-intercept(s) if any. Write your answer as an ordered pair
9. Find the following function values: f(2); f (0); f (3); f (-6)
10. For what value(s) of x is f(x)=3 ?
11. On what interval(s) is f increasing? Write your answer in interval notation.
12. On what interval(s) is f decreasing? Write your answer in interval notation.
13. On what interval(s) is f constant? Write your answer in interval notation.
14. Find the absolute maximum if any.
15. Find the absolute minimum if any.
16. Find the local maximum if any.
17. Find the local minimum if any.
18. For what values of x is f(x)>0. Write your answer in interval notation.
19. For what values of x is f(x)<0. Write your answer in interval notation.



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7. Find the y-intercept(s) if any. Write your answer as an ordered pair.
8. Find the x-intercept(s) if any. Write your answer as an ordered pair.
9. Find the following function values: f(2); f (0); f (4); f (6)
10. Which is greater f(-2) or f(3)?
11. On what interval(s) is f increasing? Write your answer in interval notation.
12. On what interval(s) is f decreasing? Write your answer in interval notation.
13. On what interval(s) is f constant? Write your answer in interval notation.
14. Find the absolute maximum if any.
15. Find the absolute minimum if any.
16. Find the local maximum if any.
17. Find the local minimum if any.
18. For what values of x is f(x)>0. Write your answer in interval notation.
19. For what values of x is f(x)<0. Write your answer in interval notation.